

PERSONAL INFORMATION

ANTONIO CERASA



 Via G. De Rada 58/B, 87100 Cosenza, Italy

 +39 0961 3695904  +39 333 9633511

 antonio.cerasa76@gmail.com

 <https://antoniocerasa.com>

 Skype antonio.cerasa

 ORCID: <http://orcid.org/0000-0002-8022-4770>

Sex M | Date of birth 13/01/1976 | Nationality Italian

OCCUPATIONAL FIELD

Clinical and Behavioural Neuroscience

WORK EXPERIENCE

- | | |
|-------------------|--|
| 2008 – to present | <p>Senior Researcher
Neuroimaging Research Unit, Institute of Bioimaging and Molecular Physiology, National Research Council, Catanzaro, Italy.</p> |
| 2008 – 2013 | <p>Scientific Coordinator
Research Institute activity (M.E.P06.017)
▪ Research Title: <i>Functional Imaging of hereditary neurological diseases</i></p> |
| 2005-2017 | <p>Lecturer activities
University of Calabria, Cosenza, Italy, Science Education Department
▪ 166 hours Teaching activities (18 CFU) for the several courses in Cognitive Psychology.</p> |
| 2005-2017 | <p>Lecturer Activities
University “Magna Graecia”, Catanzaro, Italy, Department of Medicine
▪ 738 hours Teaching activities (103 CFU) for the several courses in Cognitive Psychology, Clinical Psychology and Psychology of Communication.</p> |
| Jan 2004-Feb 2008 | <p>Post-graduate Research Assistant
Neuroimaging laboratory, Institute of Neurological Sciences, CNR of Cosenza, Italy
▪ Research grant: <i>Identification of genetic polymorphism in patients with neurological disease</i>.</p> |
| Jan - Dec 2003 | <p>Graduate Research Assistant
Laboratory of Neuroimaging, Santa Lucia Foundation, IRCCS, Rome.
▪ Research grant: <i>Voxel-based morphometry: clinical application in patients with stroke</i>.</p> |
| Jan - Dec 2002 | <p>Scientific collaboration
Institute of Neurological Sciences, CNR of Cosenza, Italy
▪ Implementation of behavioral interface (cognitive domain) for fMRI study (1.5 T, GE).</p> |
| Jan - Dec 2002 | <p>Graduate Research Assistant
Laboratory of Neuroimaging, Santa Lucia Foundation, IRCCS, Rome, Italy
▪ Research grant: <i>Functional and anatomic basis of brain network subserving rhythmic perception and motion</i>.</p> |

- Jan - Dec 2001 **Graduate Research Assistant**
 Laboratory of Neuroimaging, Santa Lucia Foundation, IRCCS, Rome, Italy
 ▪ Research grant: *“Functional and structural MR in patients with cerebellar damage”*.
- 1999-2000 **Ungraduate Student**
 Santa Lucia Foundation (IRCCS) of Rome, Italy
 Research grant: *“Rhythmic entrainment in patients with cerebellar damage”*. In collaboration with Molecular, Cellular, and Integrative Neuroscience Program, Colorado State University
- 1996-1998 **STUDENT GRANT**
 University “La Sapienza” of Rome, Italy
 Laboratory of Psychophysiology

EDUCATION AND TRAINING

- A.Y. 2005/2006 – A.Y. 2008/2009 **Ph.D. School in Clinical Neuroscience**
 Faculty of Medicine, University of Messina, Italy
 ▪ Degree Thesis: *“The effect of BDNF Val66Met polymorphism on brain function in controls and patients with multiple sclerosis: an imaging genetic study”*
- April 2000 **Visiting scientist**
 National Institute of Health, NINDS, Medical Neurology Branch. Bethesda, Maryland, USA
 ▪ Implementation of behavioural interface (motor domain) for fMRI study (3 T, GE).
- A.Y. 1994/1995 – A.Y. 1998/1999 **Graduation in Psychology**
 University “La Sapienza” of Rome, Faculty of Psychology, Italy
 ▪ Degree Thesis: *“The application of virtual reality technology for the rehabilitation of people with cerebellar and basal ganglia pathology”*. In collaboration with ENEA of Casaccia, Rome, Italy.
 ▪ Degree Mark 110/110 cum laude

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	C1
	Replace with name of language certificate. Enter level if known.				
French	B1	B1	C2	C2	B1
	Replace with name of language certificate. Enter level if known.				

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
 Common European Framework of Reference for Languages

Organisational / managerial skills ▪ Research leadership: currently responsible for a team of 4 people.

Job-related skills

Neuroimaging Analysis

- Functional and Structural Neuroimaging correlates of neurological and psychiatric disorders
- Clinical Neuropsychology

Neurorehabilitation

- Development of new cognitive treatment

Statistical Analysis

Descriptive statistics, Normality test, parametric and non-parametric test with SPSS and STATISTICA.

- Other skills** **Cover Illustration for the International Journals:** a) Journal of Magnetic Resonance Imaging, Issue 37(1) 2013; b) Movement Disorders, Issue 6(5) 2011; c) Cerebral Cortex Sept 25(9) 2015.
- Newspapers**
- 26/11/2013: **CorriereDellaSera** Online: "Ecco perché le donne sono più ansiose degli uomini (e non è solo un preconceito)". http://www.corriere.it/salute/neuroscienze/13_novembre_22/ecco-perche-donne-sono-piu-ansiose-uomini-non-solo-preconcetto-2bd495a8-537a-11e3-91e0-82492dd09bca.shtml
- 30/12/2014: **La Repubblica** Online "Non un ricordo ma una percezione alterata. Il mistero del déjà vu in un'anomalia del cervello". http://www.repubblica.it/salute/ricerca/2014/12/30/news/deja_vu-104024365/
- 10/02/2016: **ilSole24ore** Online "Cervello i Disturbi dell'alimentazione si riconoscono con la risonanza". <http://www.salute24.ilsole24ore.com/articles/18493-cervello-i-disturbi-dell-alimentazione-si-riconoscono-con-la-risonanza>
- 04/03/2016: **FOCUS** Online "personalità da preti". <http://www.focus.it/comportamento/psicologia/personalita-da-preti>
- 03/03/2016: **PANORAMA** Online "Psicologia: CNR, test svela personalità e caratteristiche dei sacerdoti". <http://www.panorama.it/scienza/salute/psicologia-cnr-test-svela-personalita-e-caratteristiche-dei-sacerdoti/>
- 30/04/2016: **AVVENIRE** "I sacerdoti? Esperti in umanità". <http://www.avvenire.it/Chiesa/Pagine/I-sacerdoti-Esperti-in-umanita-.aspx>
- 26/09/2016: **La Repubblica** n°37, pag. 17 "Via la suoneria ad un messaggio non si resiste". http://www.repubblica.it/cronaca/2016/09/26/news/antonio_cerasa_via_la_suoneria_a_un_messaggio_non_si_resiste_-148560797/
- 25/01/2017: **Psicologia Contemporanea** n°259: "Paura di guidare? Adesso c'è lo psicologo al volante". <http://www.psicologiacontemporanea.it/blog/paura-di-guidare-adesso-ce-lo-psicologo-accanto-al-volante/>
- 07/02/2017: **La Repubblica** n°31, pag. 44-45 "Lo scarabocchio che batte l'ansia". <http://ricerca.repubblica.it/repubblica/archivio/repubblica/2017/02/07/lo-scarabocchio-che-batte-lansia44.html>
- 18/02/2017: **La Repubblica** n°41, pag. 30 "La strada giusta è quella del perdono". <http://ricerca.repubblica.it/repubblica/archivio/repubblica/2017/02/18/la-strada-giusta-e-quella-del-perdono30.html?ref=search>
- 03/02/2017: **La Repubblica: OnLine** http://www.repubblica.it/sapori/2017/03/03/news/il_cervello_degli_chef_speciale_come_quello_degli_scacchisti-159651060/
- 04/03/2017: **Neuroscience News: The Chef's Brain**. <http://neurosciencenews.com/chef-neurobiology-6196/>
- 09/03/2017: **il Cuoco**. n°332 Nov-Dic: "Nella mente degli Chef". Pag 34-35.
- 26/03/2017: **UniCusanoUp Magazine**. n°3 Marzo "Un viaggio straordinario nella mente degli Chef". Pag 2-3. https://issuu.com/sportnetwork/docs/up_marzo/2
- 31/03/2017: **Panorama**. Anno LXV, N°6; "Chef Stellati che material grigia". Pag 54-55
- 14/04/2017: **Corriere della Sera**. n°n°88 Nov-Dic: "Il SuperCervello degli Chef". Pag 35.
- 04/05/2017: **FOCUS D&R** n° 52 Maggio "Come funziona il cervello di uno chef".
- 09/06/2017: **IlFattoQuotidiano** anno 9, n° 157 "Chef Stressati sì, ma con un cervello ipersviluppato" pag. 22. <http://www.ilfattoquotidiano.it/premium/articoli/chef-stressati-si-ma-con-un-cervello-ipersviluppato/>
- 31/07/2017: **LiberoQuotidiano** anno 52, n° 209 "Suicidi, omicidi e stupri: in estate anche il cervello stacca per le vacanze" pag. 14. <http://www.liberoquotidiano.it/news/scienze---tech/13210890/cervello-stravolto-clima-caldo-estate-assassini.html>
- 29/08/2017: **La Repubblica** n°42, pag. 34 "Questo quadro mi fa bene al cuore". http://www.repubblica.it/salute/ricerca/2017/08/30/news/questo_quadro_mi_fa_bene_al_cuore-174201239/
- 24/09/2017: **Corriere della Sera**. n°226: "Se guidi il taxi svilupperai un ippocampo super". Pag 54-55. http://www.corriere.it/salute/neuroscienze/17_settembre_20/fai-chef-tassista-o-matematico-come-lavoro-ci-cambia-cervello-19e09196-9e06-11e7-a6ea-abd1a52d72e1.shtml
- 14/10/2017: **Vanity Fair**. n°226: "Se guidi il taxi svilupperai un ippocampo super". Pag 54-55. http://www.corriere.it/salute/neuroscienze/17_settembre_20/fai-chef-tassista-o-matematico-come-lavoro-ci-cambia-cervello-19e09196-9e06-11e7-a6ea-abd1a52d72e1.shtml
- 27/10/2017: **Il Venerdì di Repubblica**. n°1545: "Così il lavoro cambia il cervello". Pag 54.
- 26/11/2017: **IlGiornale**. n°280: "Cucine da Incubo: Stelle e Stress Chef sull'orlo di una crisi di nervi". Pag 19. <http://www.ilgiornale.it/news/cronache/stelle-e-stress-chef-sull-orlo-crisi-nervi-1467650.html>
- 01/01/2018: **Focus**. n°303: "Il Bello ... del Bello". Pag 138-141. https://issuu.com/liidiamontermini/docs/focus_genn2018
- 01/01/2018: **Muy Interesante**. n°440: "El trabajo altera tu cerebro". Pag 70-75
- 03/01/2018: **IlMessaggero**: "Ricerca: le terapie del nuovo anno". Pag 17
- 10/01/2018: **DonnaModerna** n°4: "I Mestieri allenano la mente". Pag 34

Driving licence ■ B

Other skills **Cover Illustration for the International Journals:** a) Journal of Magnetic Resonance Imaging, Issue 37(1) 2013; b) Movement Disorders, Issue 6(5) 2011; c) Cerebral Cortex Sept 25(9) 2015.

TV/Radio Participation

2002: **Radio RAI3** "Le oche di Lorenz" (<http://www.radio.rai.it/radio3>).

08/09/2014: **Radio Cusano Campus**; "Genetica Oggi".

15/02/2016: **Radio Cusano Campus**; "Genetica Oggi". <http://www.radiocusanocampus.it/podcast/?prog=130>

02/03/2016: **TV2000**: "Tg Tg"; Via Aurelia, Roma. <http://www.tv2000.it/tgtg/video/antonio-cerasa-e-francesco-zanotti-ospiti-di-tgtg-del-2-marzo/>

03/03/2016: **SkyTg24**, Ore 22.10, Roma

06/04/2016: **TV2000**: "Siamo Noi"; Via Aurelia, Roma. <https://www.youtube.com/watch?v=qQUOQMetMok>

27/06/2016: **Isoradio**: La vita nascosta. Puntata n. 24. <http://www.isoradio.rai.it/dl/portaleRadio/media/ContentItem-935996ec-52ee-4030-87d2-d76f499f615d.html>

07/11/2016: **Radio Capital**: Trasmissione *Bla Bla Capital* (minuto 60°-63°): <http://www.capital.it/capital/radio/programmi/Bla-Bla-Capital/3772933/3773965>

04/02/2017: **Radio Capital**: Trasmissione *capital in the walkman* (minuto 24°-28°): <https://www.capital.it/programmi/capital-in-the-walkman/puntate/capital-in-the-walkman-del-04-02-2017/>

06/03/2017: **Radio24**: Cuore e Denari: <http://www.radio24.ilsole24ore.com/programma/cuoridenari/puntate>

06/03/2017: **Buongiorno Region TG3 Calabria**: <http://www.rai.it/dl/RaiTV/programmi/media/ContentItem-a9e555b0-e2b3-4865-88c0-e830ef86c69e.html#p=0>

08/03/2017: **La C News Calabria**: <https://www.youtube.com/watch?v=MSHBvQ9KSMs>

09/03/2017: **Radio CusanoCamps**: <http://www.tag24.it/podcast/antonia-cerasacnr-il-cervello-degli-chef/>

04/04/2017: **RadioShowItalia**: <http://www.radioshowitalia.it/news.aspx?id=517>

04/10/2017: **La C Salute**: http://lacnews24.it/salute/lavoro-cambia-cervello_32109/

19/11/2017: **Radio CusanoCampus**; "Unicusano Up". <http://www.tag24.it/podcast/unicusano-magazine-19112017/>

10/12/2017: **Radio CusanoCampus**; "Unicusano Up". <http://www.tag24.it/wp-content/uploads/2017/12/UP-MAGAZINE-DOMENICA-10122017.mp3>

Newsapers

18/12/2017: **Rai2, TG2 Lavori**, "Stiamo perdendo la memoria?". <http://www.raiplay.it/video/2017/12/TG2-Lavori-in-corso-22d1de0e-27c1-476e-be36-0c81cdecfd09.html>

14/01/2018: **Radio CusanoCampus**; "Unicusano Up". <http://www.tag24.it/wp-content/uploads/2017/12/UP-MAGAZINE-DOMENICA-10122017.mp3>

ADDITIONAL INFORMATION

Publications

Total Publications	First author [§]	CA*	Total citations	H-Index	Total IF
106	59	47	1750 [#] 1950 [^] 2750*	24 [#] 26 [§] 30 [^]	429.6

IF: ISI Impact Factor 2015

#Web of Science

^Scopus

* GoogleScholar

The most important in the last 3 years:

1. "The Expert brain, come la passione del lavoro modella il nostro cervello". Collana Semi. FrancoAngeli Editore, 2017. ISBN: 9788891753670
2. *Diversamente sano: la libertà di essere folli*. di Antonio Cerasa. Collana Microscopi. Hoepli Editore, 2018. ISBN: 9788820382995
3. Cerasa A*, Sarica A, Martino I, Fabbricatore C, Tomaiuolo F, Rocca F, Caracciolo M, Quattrone A. *Increased cerebellar gray matter volume in head Chefs*. ***Plos One* 2017**; 12(2):e0171457. doi: 10.1371/journal.pone.0171457.
4. Cerasa A, Lombardo G, Tripodi D, Stillitano E, Sarica A, Gramigna V, Martino I, Pullera A, Tigani S, De Carlo Y, Idone M, Scaglione A, Ziarelli A, Vasta R, Donzuso G, Rizzo M, Zucaro L. *Five-Factor personality traits in Priests*. ***Personality and Individual Difference* 2016**; 95: 89-94
5. Cerasa A*. *Machine Learning on Parkinson's disease? Let's translate into clinical practice*. ***Journal of Neuroscience Methods* 2016**; 266:161-2.
6. Cerasa A*, Castiglioni I, Salvatore C, Funaro A, Martino I, Alfano S, Donzuso G, Perrotta P, Gioia MC, Gilardi MC, Quattrone A. *Biomarkers of eating disorders using support vector machine analysis of structural neuroimaging data: preliminary results*. ***Behav Neurol* 2015**:924814. doi: 10.1155/2015/924814
7. Cerasa A, Donzuso G, Morelli M, Mangone G, Salsone M, Passamonti L, Augimeri A, Arabia G, Quattrone A. *The motor inhibition system in Parkinson's disease with levodopa-induced dyskinesias*. ***Movement Disorders* 2016**; 30(14): 1912-1920
8. Cerasa A, Koch G, Donzuso G, Mangone G, Morelli M, Brusa L, et al. *A network centred on the inferior frontal cortex is critical for inducing levodopa-induced dyskinesias*. ***Brain* 2015**; 138 (2): 414-427 [IF= 10.1; WOS citation: 12; Scopus citation: 15].
9. Labate A, Cerasa A, Mumoli L, Ferlazzo E, Aguglia U, Quattrone A, Gambardella A. *Neuro-anatomical differences among epileptic and non-epileptic déjà-vu*. ***Cortex* 2015**; 64:1-7. [IF= 4.3; WOS citation: 0; Scopus citation: 0].
10. Donzuso G, Cerasa A, Gioia MC, Caracciolo M, Quattrone A. *The neuroanatomical correlates of anxiety in healthy population: differences between the State-Trait Anxiety Inventory and the Hamilton Anxiety Rating Scale*. ***Brain & Behavior* 2014**; 4(4): 504-514 [IF= 2.13; WOS citation: 5; Scopus citation: 5].
11. Cerasa A, Quattrone A, Piras F, Mangone G, Magariello A, Fagioli S, Girardi P, Muglia M, Caltagirone C, Spalletta G. *5-HTTLPR, anxiety, and gender interaction moderates right amygdala volume in healthy subjects*. ***Social Cognitive and Affective Neuroscience* 2014**; 9(10):1537-45. [IF= 7.37; WOS citation: 7; Scopus citation: 9].
12. Sannino S, Gozzi A, Cerasa A*, Piras F, Scheggia D, Manago F, Damiano M, Galbusera A, Erickson LC, De Pietri Tonelli D, Bifone A, Tsafaris SA, Caltagirone C, Weinberger DR, Spalletta G, Papaleo F. *COMT genetic reduction produces sexually-divergent effects on cortical anatomy and working memory in mice and humans*. ***Cerebral Cortex* 2015**; 25(9):2529-41 [IF= 8.3; WOS citation: 5; Scopus citation: 6]
13. Cerasa A§, Gioia MC, Valentino P, Nisticò R, Chiriaco C, Pirritano D, Tomaiuolo F, Mangone G, Trotta M, Talarico T, Bilotti G, Quattrone A. *Computer-assisted cognitive rehabilitation of attention deficits for multiple sclerosis: a randomized trial with fMRI correlates*. ***Neurorehabilitation and Neural Repair* 2013**, 27(4):284-95 [IF= 4.03; WOS citation: 29; Scopus citation: 31].

Projects

10/01/13-10/01/16

NEUROMEASURES: (n°PON03PE_00009_1; Ministry of health)

Development of innovative processes and supporting services for early diagnosis of motor, behavioral and memory dysfunctions in patients affected by Parkinson's disease and Alzheimer's disease.
▪ Role: Co-Investigator

07/01/2013-07/01/15

DIABIOIMAGING: (n°0067871; Ministry of health)

Development of innovative technologies for advanced biomolecular and imaging diagnosis of neurodegenerative disorders
▪ Role: Co-Investigator

10/01/13-10/01/16

MERCK SERONO: (Drug Industry)

Development of new advanced neuroimaging methods for automatic tractography reconstruction in patients with multiple sclerosis
▪ Role: Co-Investigator

10/01/12-30/06/15

Aging Project/ DSB.AD009. (Research Ministry)

Development of new advanced neuroimaging methods evaluation of biomarkers in early phase of Alzheimer's disease.
▪ Role: Co-Investigator

06/01/11-30/12/14

NEUROSTAR: (n° PON01_01180; Ministry of health)

NEUROscience and Systems, Technologies and Advanced procedures for early diagnosis/prognosis and functional Recuperation/compensation of disabilities in subjects with severe acquired brain damage.
▪ Role: Co-Investigator

10/01/09-10/01/13

DECIDE (n°: RI-261593; European Seventh Framework Program)

Diagnostic Enhancement of Confidence by an International Distributed Environment
▪ Role: Partner

02/01/10-12/30/11

FISM fellowship (n° 2010/R/11; Italian Multiple Sclerosis Foundation)

Neuroimaging correlates of cognitive rehabilitation in multiple sclerosis patients with cerebellar symptoms
▪ Role: Scientific Coordinator

HONOURS AND AWARDS

- 2017 **Best Book for Scientific Divulgateion:** Italian Association of Book "Giancarlo Dosi", Genoa 14 December, Rome, Italy.
<http://www.associazioneitalianadellibro.it/site/2017/12/18/premio-nazionale-di-divulgazione-scientifica-2017-giancarlo-dosi-le-foto-della-finalissima/>
- 2015 **Best Poster Presentation Award (2015):** Italian Society of Neurology (SIN), Genoa 11-13 October, Italy.
http://www.neuro.it/documents/GENOVA%202015/bandi_premi.php
- 2007 Award for Best poster **SINS** (ITALIAN SOCIETY OF NEUROSCIENCE). Verona September 27-30, Italy
- 2006 Award for Best poster **HBM** (HUMAN BRAIN MAPPING). Firenze 11-15 June, Italy.
- 2005 Award for Best poster European Committee for treatment and research in Multiple Sclerosis (**ECTRIMS**), Thessaloniki, 28-30 September, Greece.
- 2004 Award for Best poster **HBM** (HUMAN BRAIN MAPPING). Budapest 13-17 June, Hungary.